

(19)



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(11)

EP 1 248 328 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
29.10.2003 Bulletin 2003/44

(51) Int Cl.7: **H01R 13/629**

(43) Date of publication A2:
09.10.2002 Bulletin 2002/41

(21) Application number: **02100337.1**

(22) Date of filing: **03.04.2002**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
 MC NL PT SE TR**
 Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **04.04.2001 JP 2001106184**

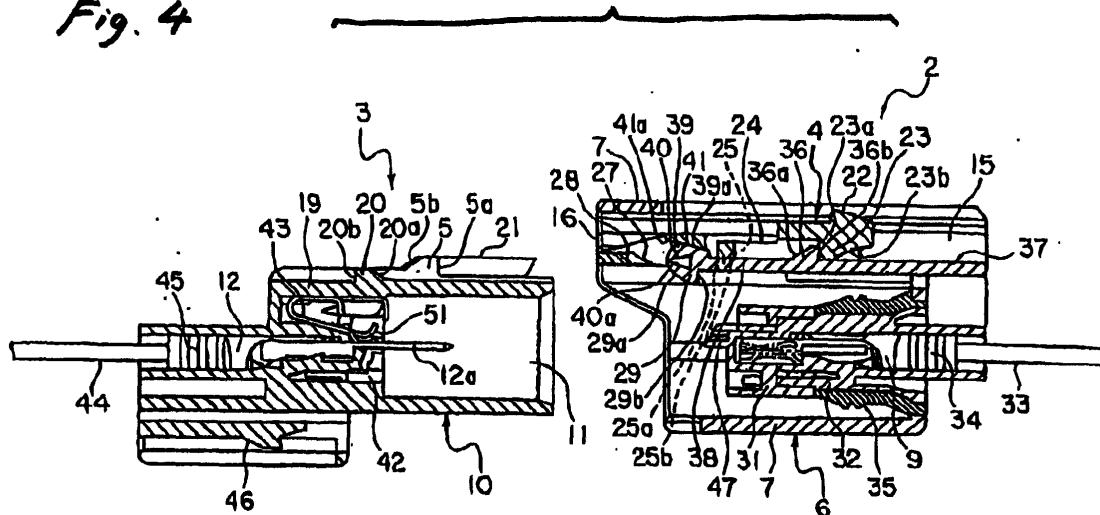
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(54) Coupling Detector for Connector

(57) A conductive member is provided in a first connector together with a plurality of terminal fittings. The conductive member includes elastic arms associated with the respective terminal fittings. Each elastic arm is divided into a first conductive piece and a second conductive piece which are moved together. The first conductive piece is brought into contact with the terminal fitting when the first connector and the second connector are disengaged. The second conductive piece is away from the terminal fitting when the first connector

and the second connector are disengaged. Insulative members are provided in the second connector so as to be associated with the respective elastic arms. Each insulative member includes a first insulative piece and a second insulative piece. The first insulative piece is inserted between the terminal fitting and the first conductive piece when the first connector and the second connector are engaged. The second insulative piece moves the second conductive piece in a direction away from the terminal fitting when the first connector and the second connector are engaged.

Fig. 4**EP 1 248 328 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 02 10 0337

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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/02 (P44C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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